Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107559.D
Acq On : 21 Jul 2018 7:37
Operator : JU/SJ
Sample : J4061-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071718-DBRI-E-D-M

Quant Time: Jul 23 03:26:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	269842	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	893344	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	313122	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	648707	20.00	ng	0.00
75) Chrysene-d12	14.16	240	708936	20.00	ng	0.00
86) Perylene-d12	15.69	264	520054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	705354	42.03	ng	0.00
7) Phenol-d6	6.60	99	567540	28.16	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1429776	108.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	345092	96.92	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2144399	139.57	ng	0.00
78) Terphenyl-d14	13.10	244	2204077	79.59	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	193218	14.842	ng	# 80
25) Isophorone	7.54	82	1429769	50.587	ng	# 64
49) Dimethylphthalate	9.72	163	104580	4.432	ng	96
56) 2,4-Dinitrotoluene	10.02	165	39589	7.000	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.81	198	593	8.836	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	20305	2.659	ng	# 1
73) Di-n-butylphthalate	12.06	149	1747	Below Cal		# 78
81) 3,3'-Dichlorobenzidine	14.13	252	149	Below Cal		# 27

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107559.D
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071718-DBRI-E-D-M

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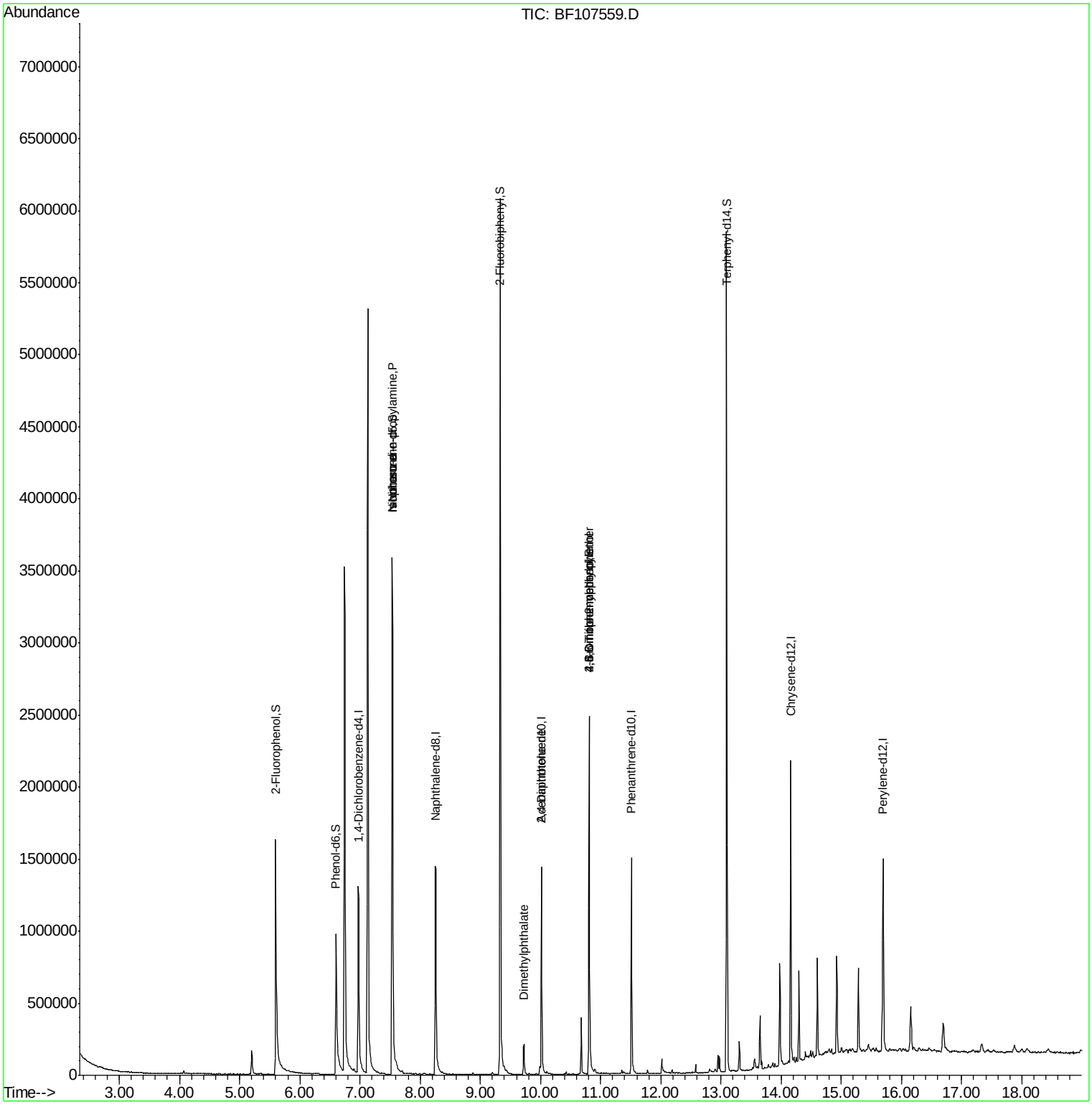
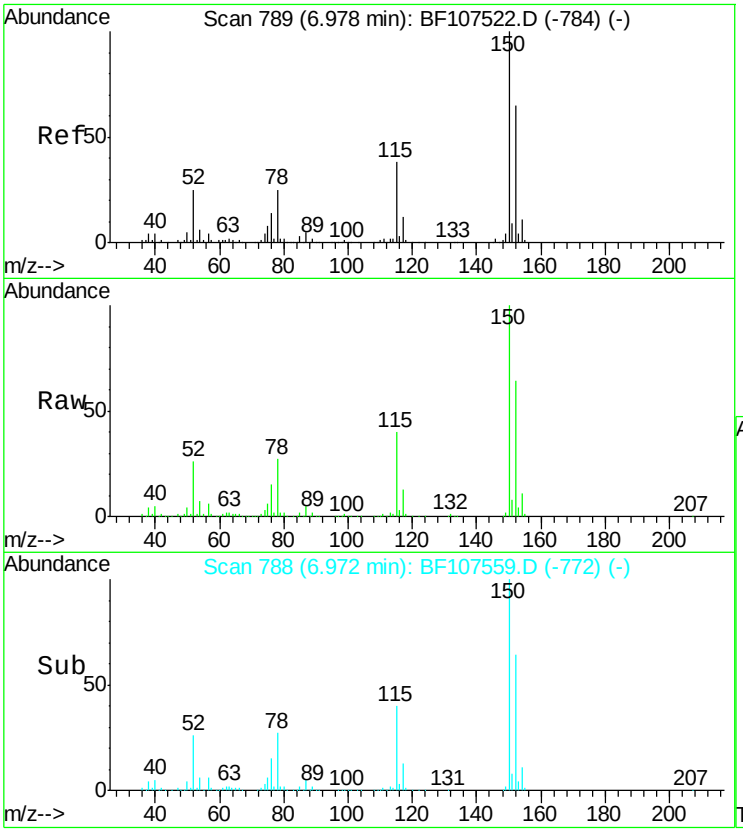
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



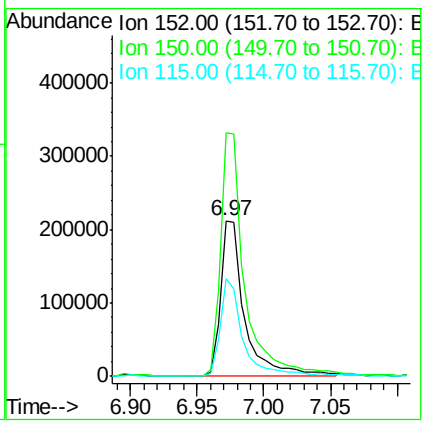


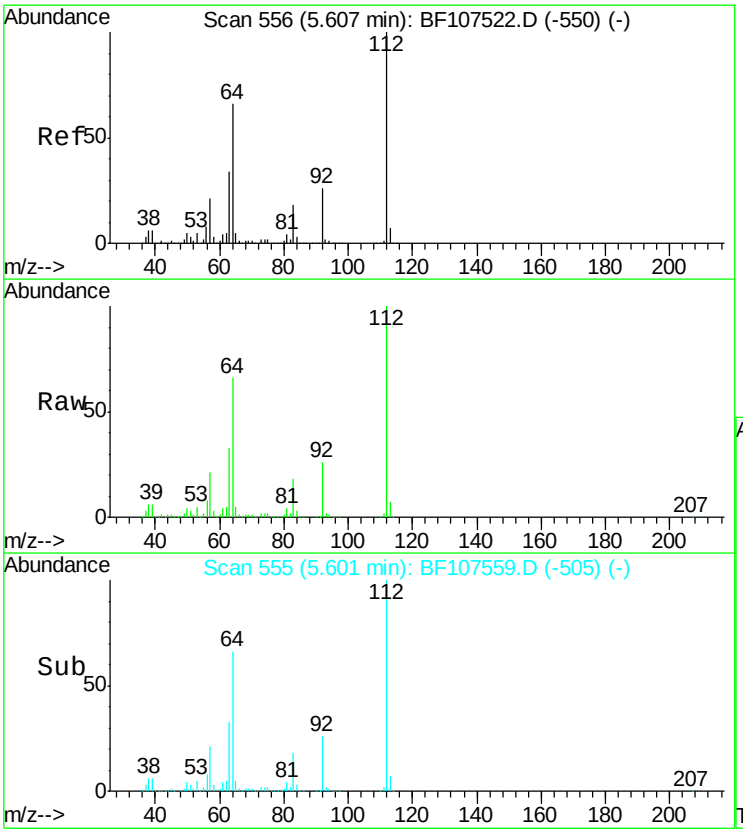
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-D-M

Tgt Ion:152 Resp: 269842

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	62.9	50.1	75.1

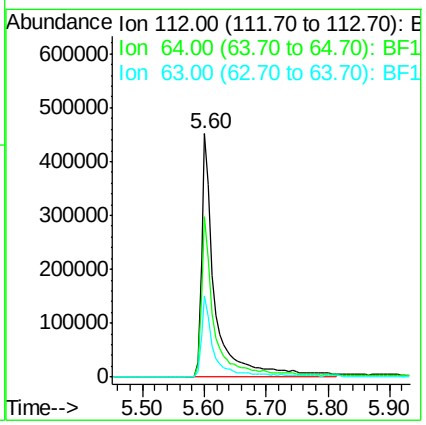


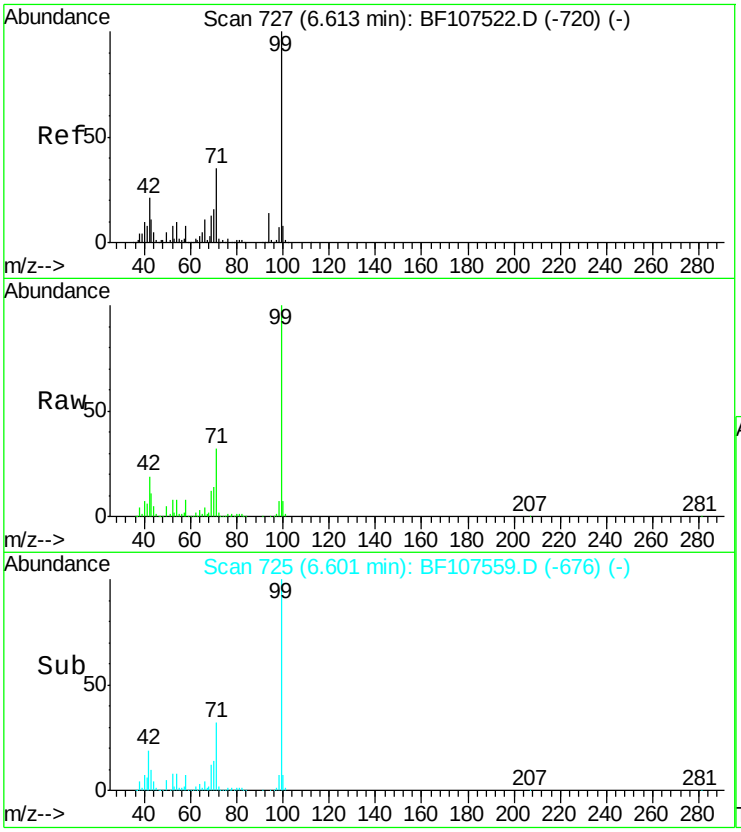


#5
2-Fluorophenol
Concen: 42.027 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Tgt Ion:112 Resp: 705354

Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	33.4	23.7	35.5



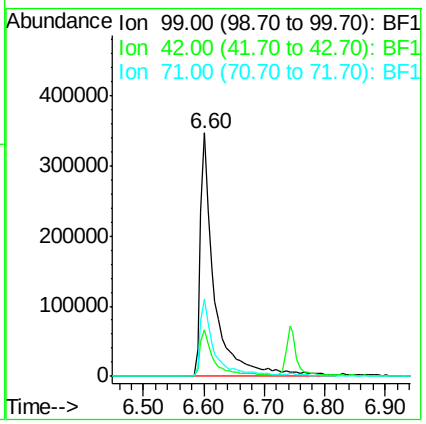


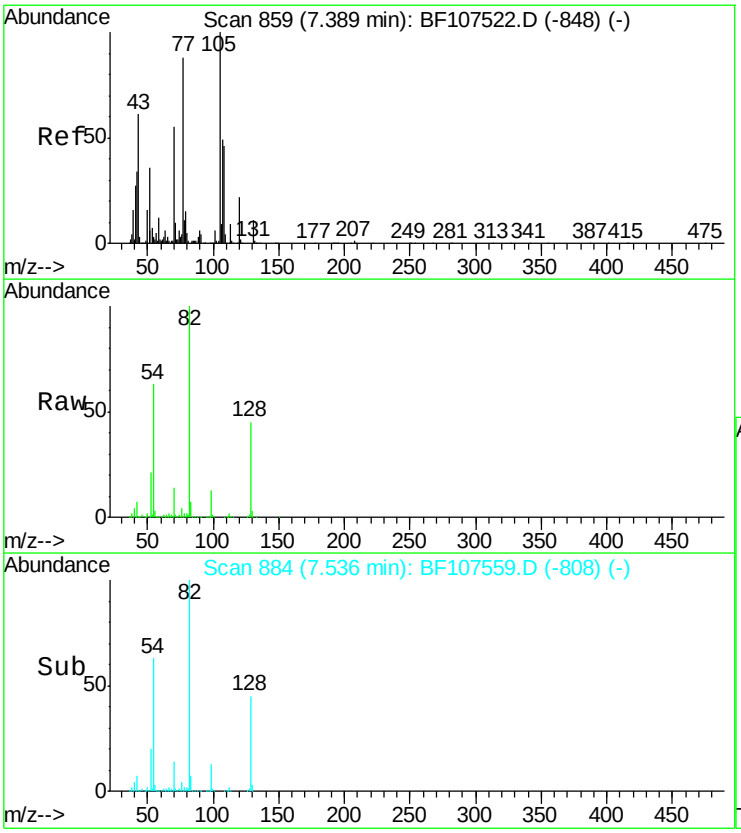
#7
Phenol-d6
Concen: 28.163 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-D-M

Tgt Ion: 99 Resp: 567540

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	31.8	25.4	38.0

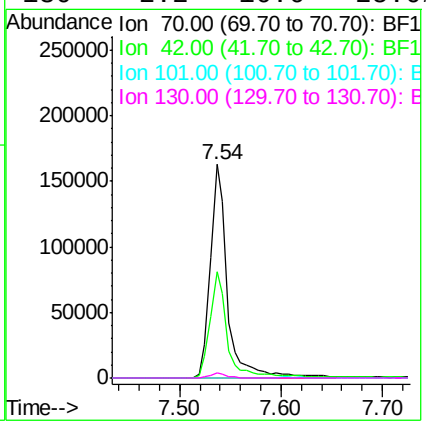


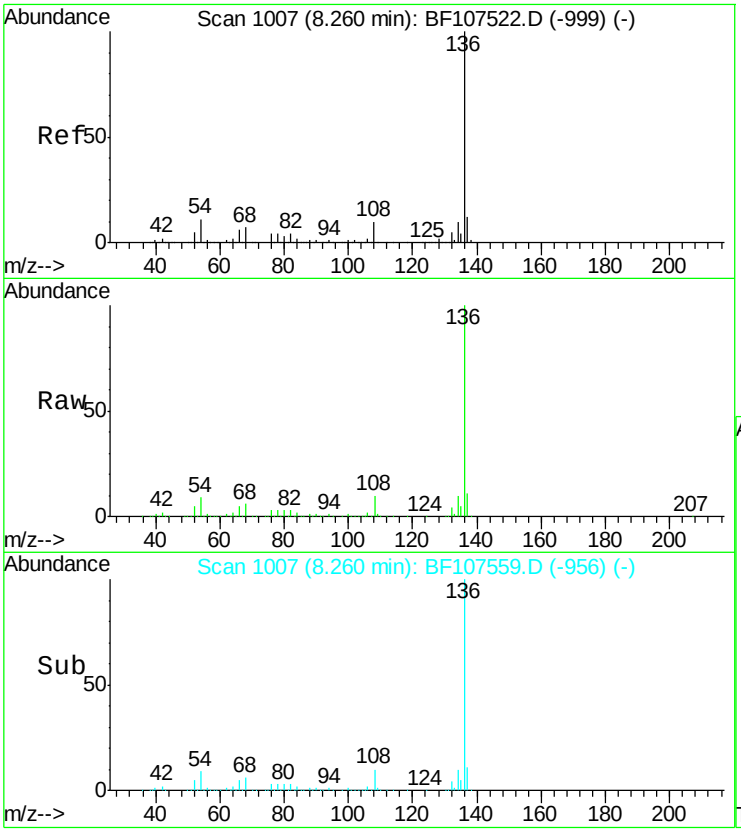


#19
n-Nitroso-di-n-propylamine
Concen: 14.842 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Tgt Ion: 70 Resp: 193218

Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



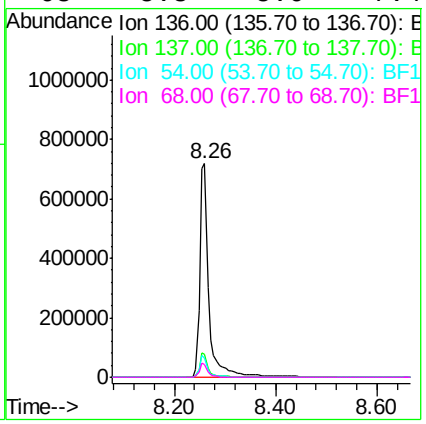


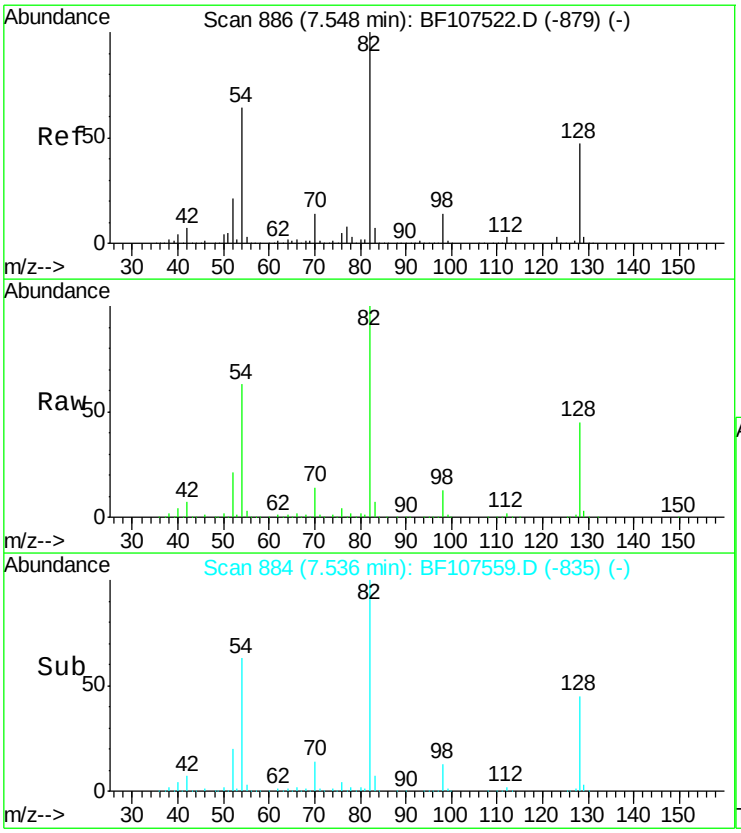
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-D-M

Tgt Ion:136 Resp: 893344

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.1	6.6	9.8
68	5.8	5.0	7.4

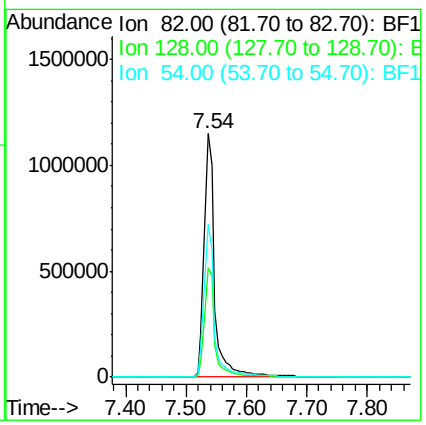


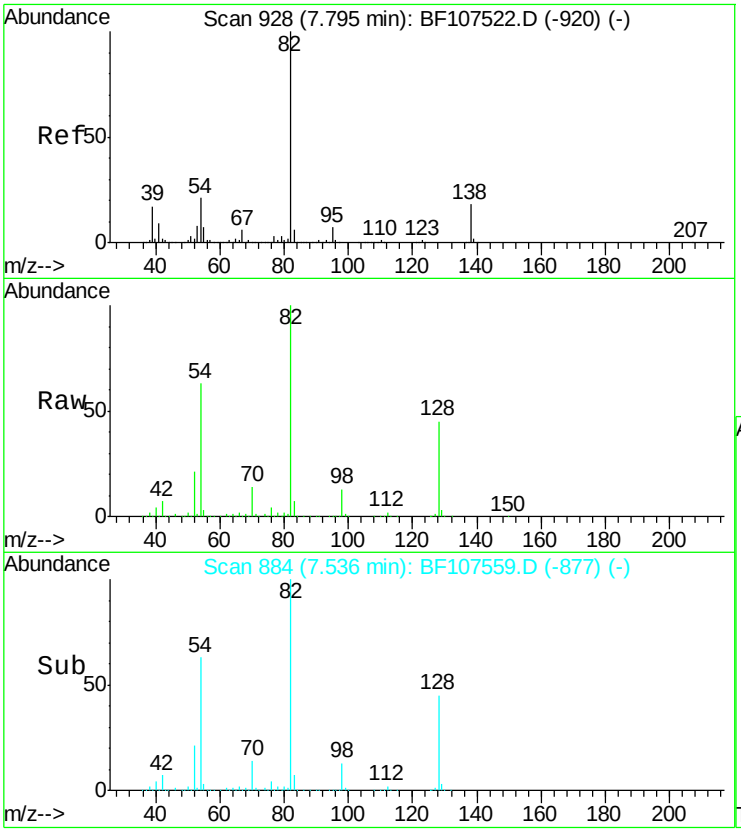


#23
Nitrobenzene-d5
Concen: 108.012 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Tgt Ion: 82 Resp: 1429776

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	63.0	41.4	62.2#



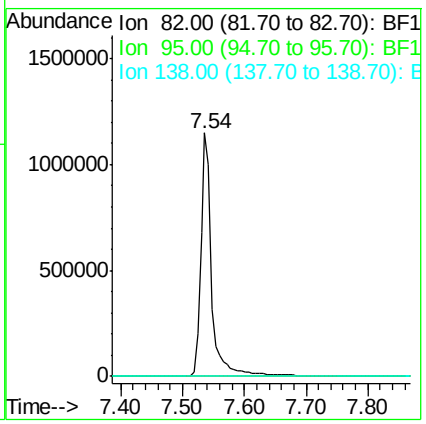


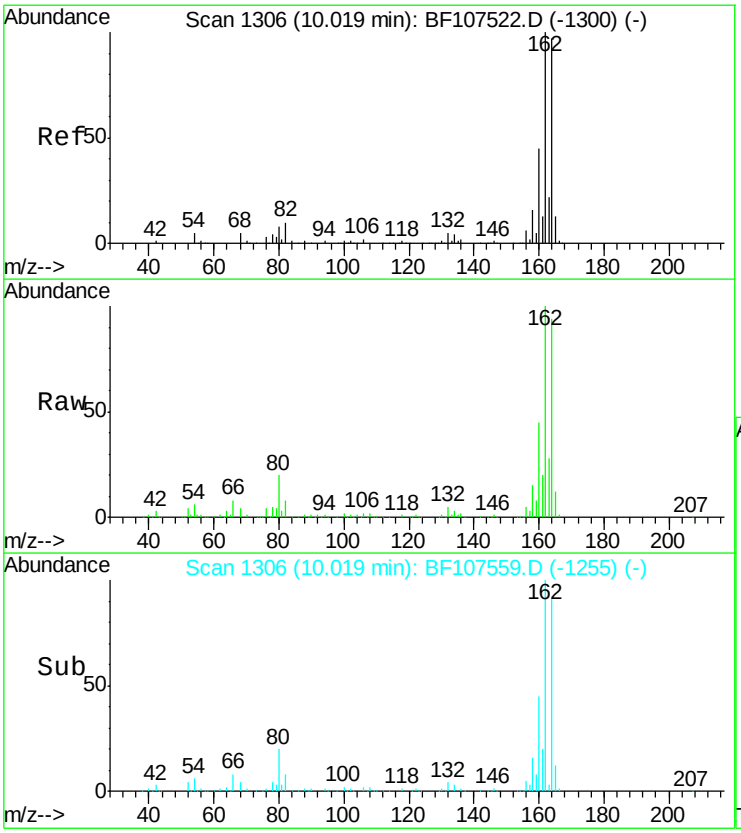
#25
Isophorone
Concen: 50.587 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-D-M

Tgt Ion: 82 Resp: 1429769

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

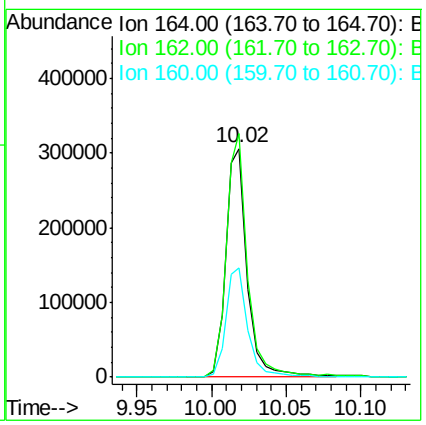


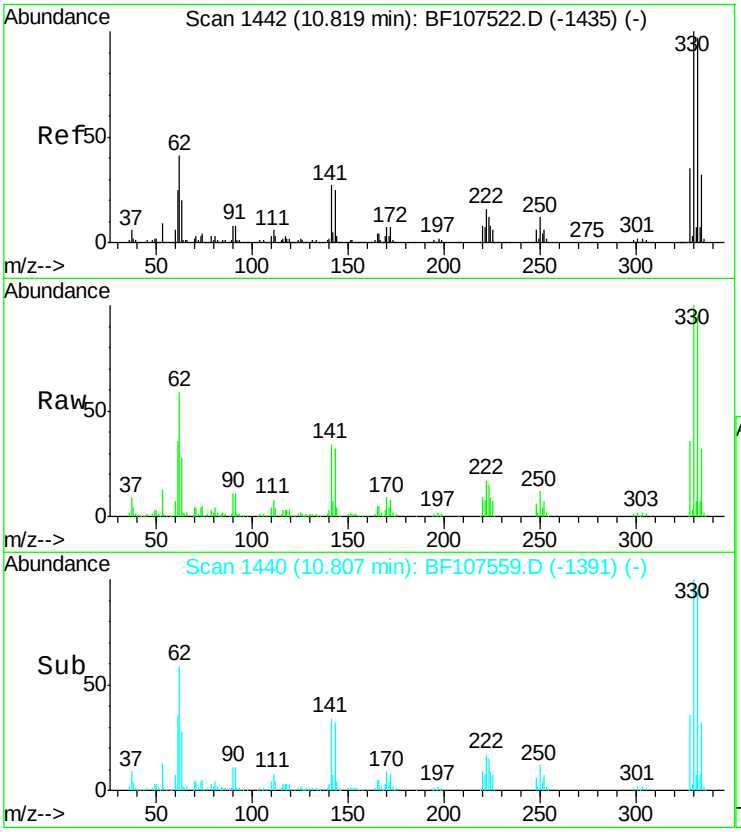


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Tgt Ion:164 Resp: 313122

Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	47.5	38.3	57.5



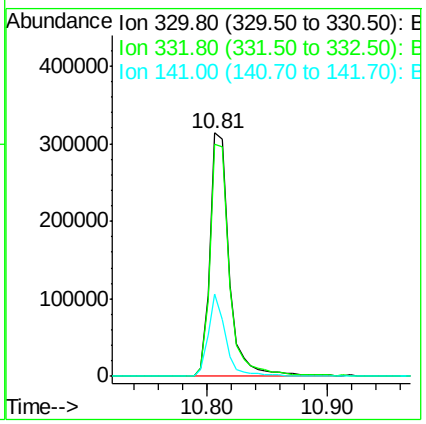


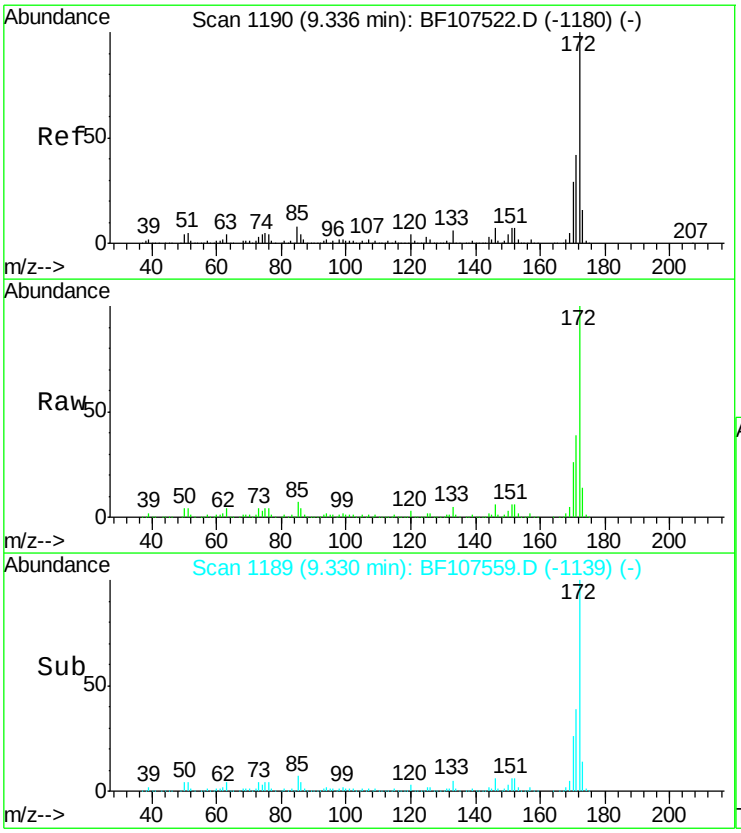
#41
2,4,6-Tribromophenol
Concen: 96.917 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-D-M

Tgt Ion:330 Resp: 345092

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	30.8	29.9	44.9

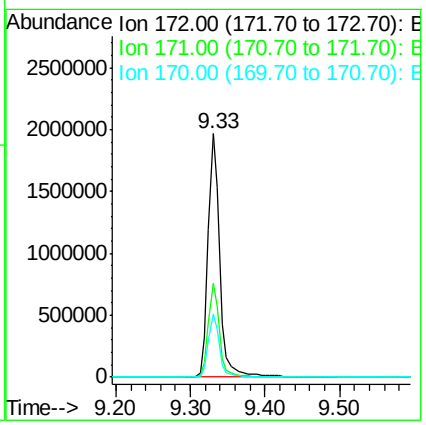


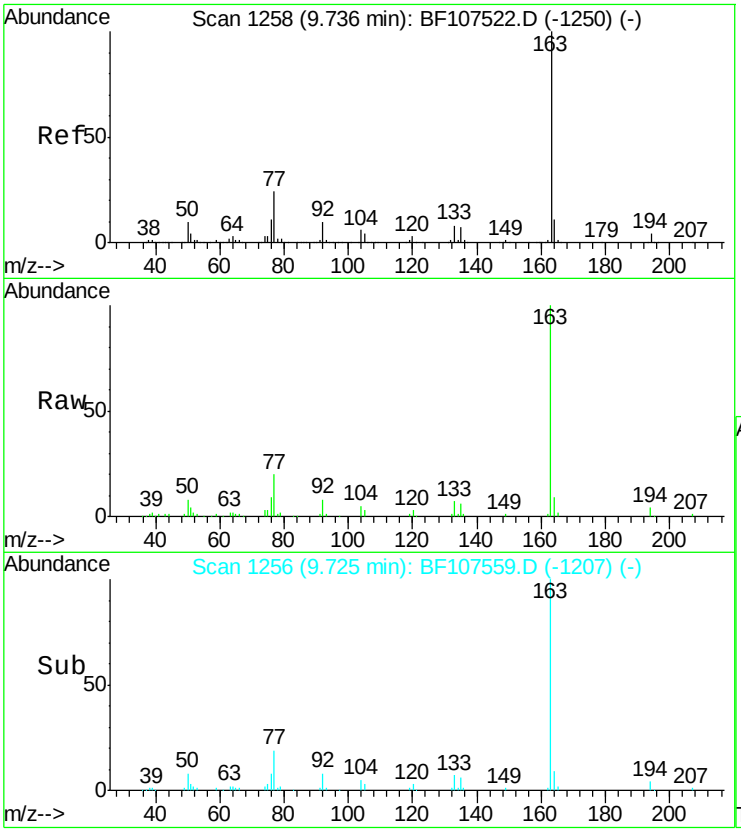


#44
2-Fluorobiphenyl
Concen: 139.568 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Tgt Ion:172 Resp: 2144399

Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.7	44.5
170	26.2	19.6	29.4



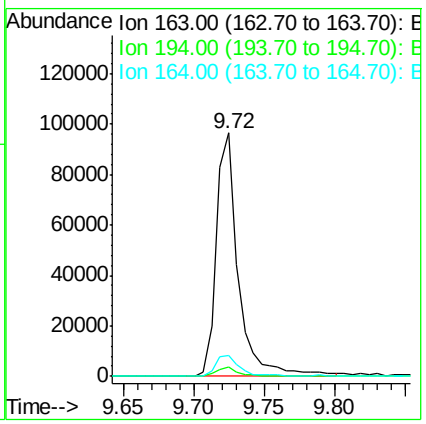


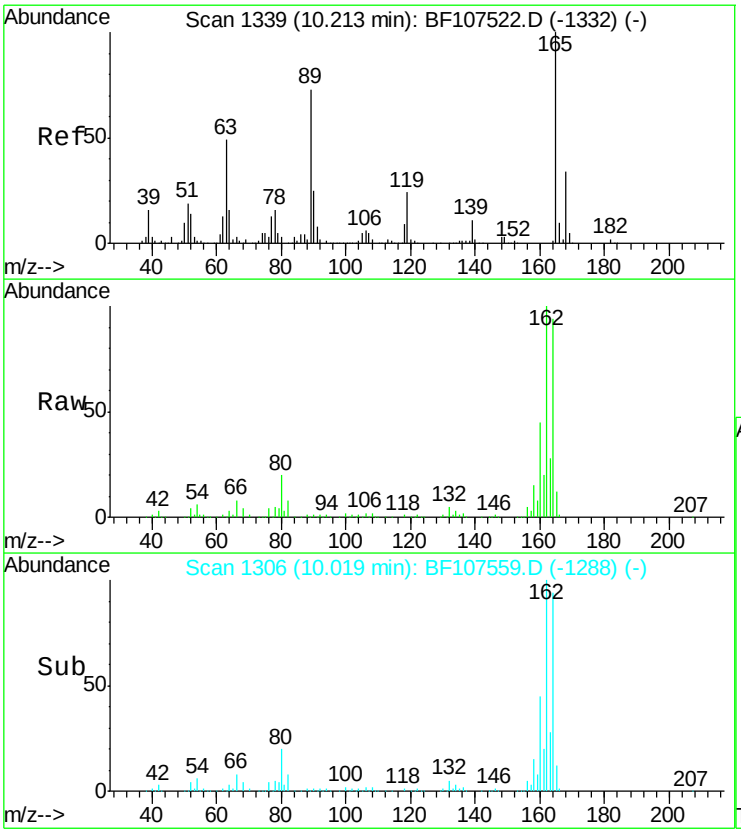
#49
Dimethylphthalate
Concen: 4.432 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-D-M

Tgt Ion:163 Resp: 104580

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	8.5	8.2	12.2

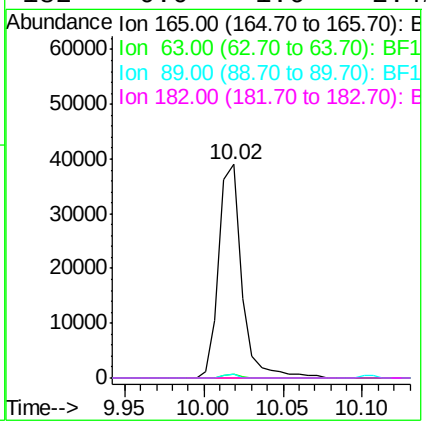


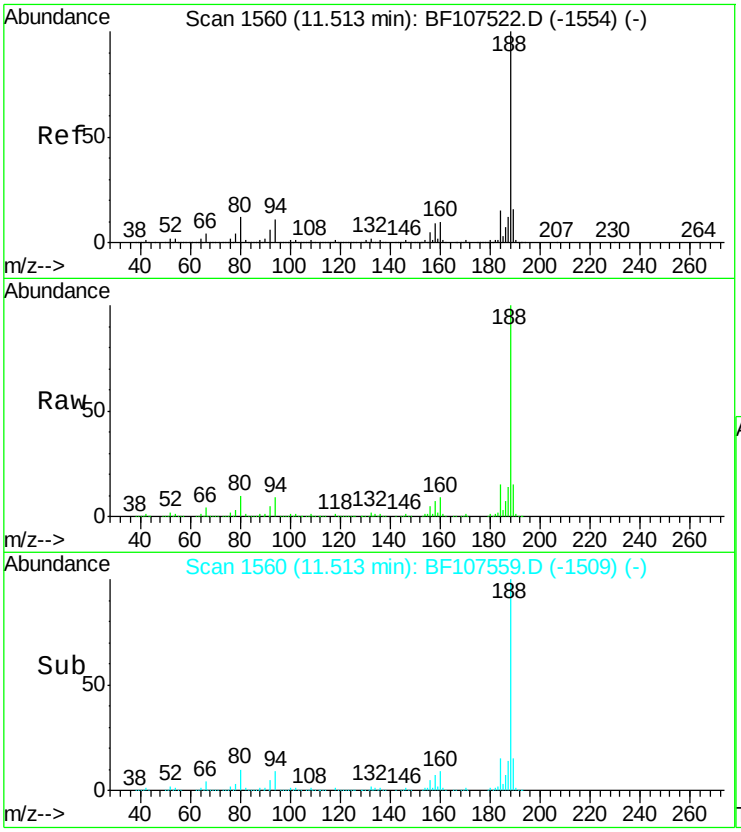


#56
2,4-Dinitrotoluene
Concen: 7.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.19 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Tgt Ion:165 Resp: 39589

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



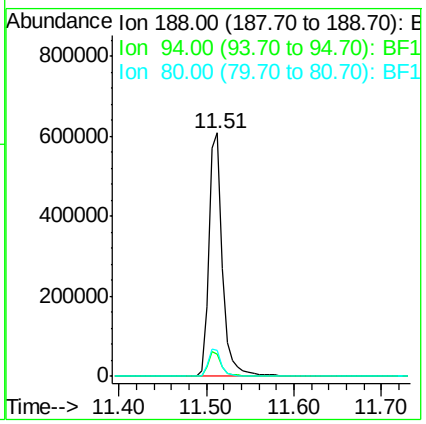


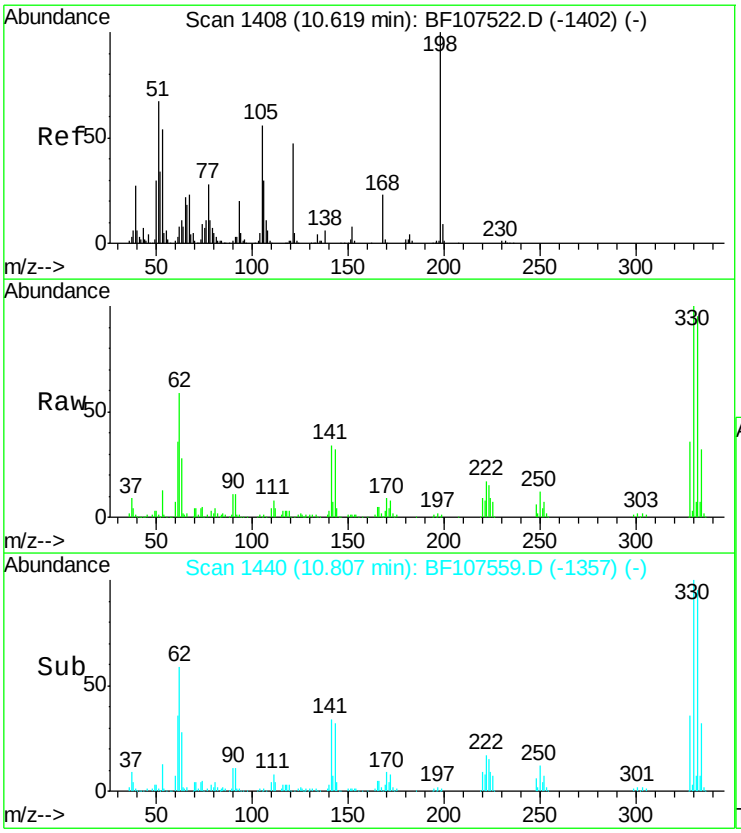
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-D-M

Tgt Ion:188 Resp: 648707

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	10.5	9.2	13.8

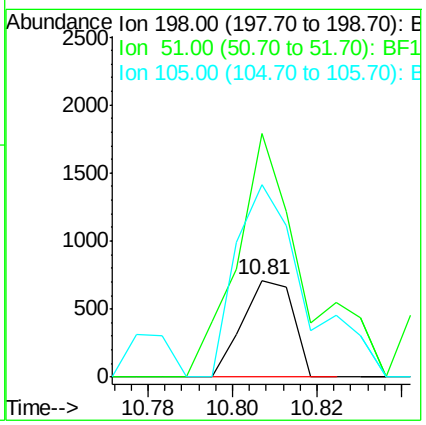


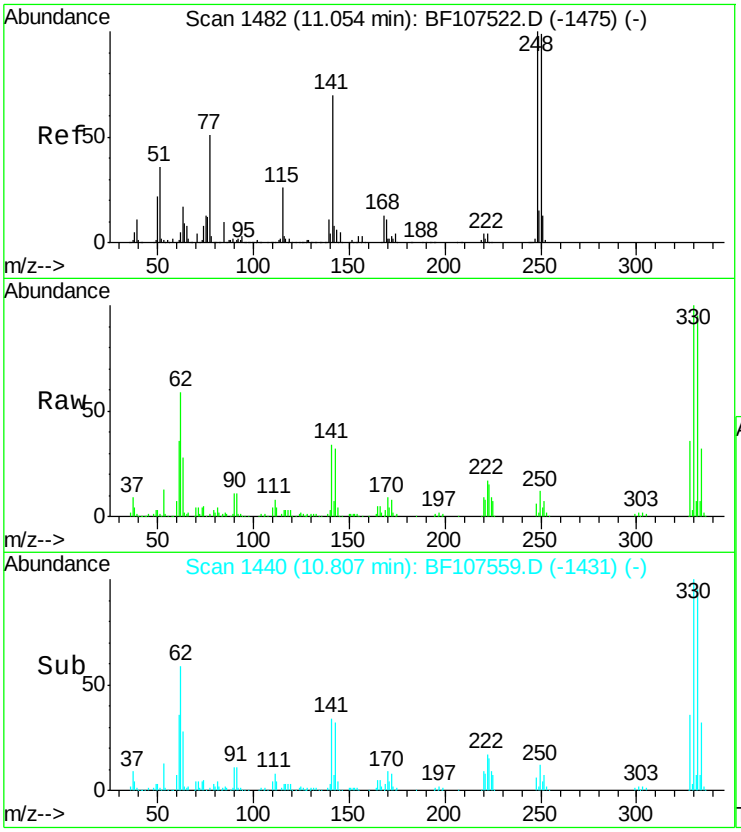


#64
4,6-Dinitro-2-methylphenol
Concen: 8.836 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Tgt Ion:198 Resp: 593

Ion	Ratio	Lower	Upper
198	100		
51	252.0	37.7	77.7#
105	199.3	36.3	76.3#



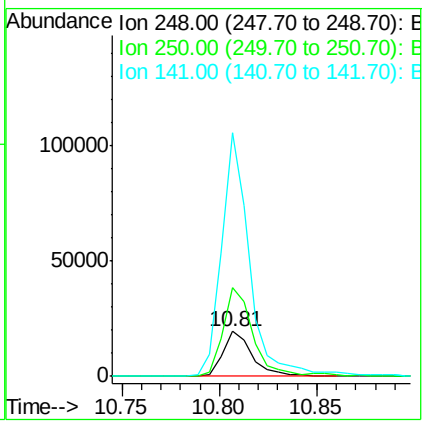


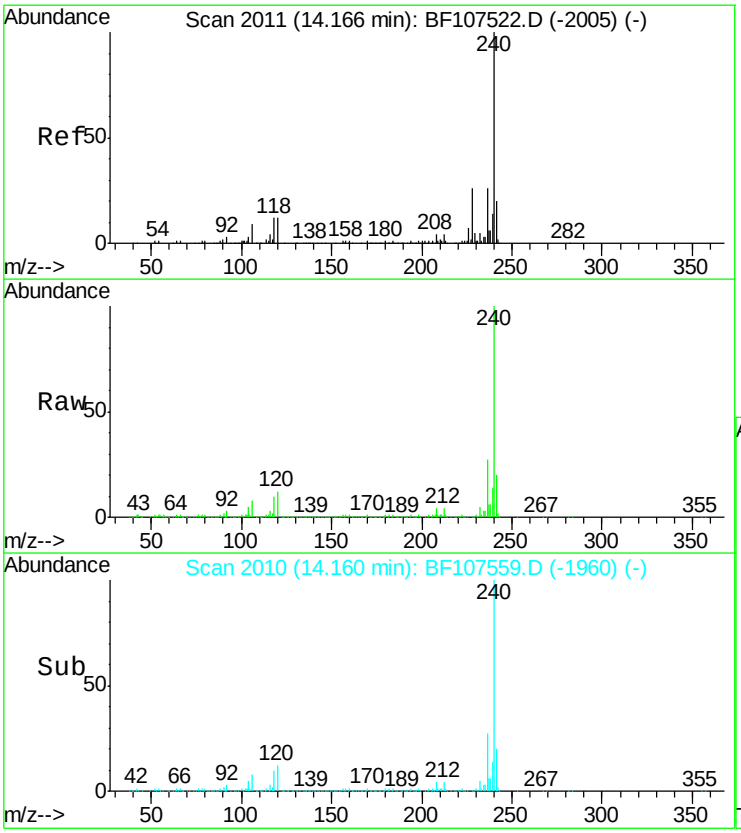
#66
4-Bromophenyl-phenylether
Concen: 2.659 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-D-M

Tgt Ion:248 Resp: 20305

Ion	Ratio	Lower	Upper
248	100		
250	199.0	76.9	115.3#
141	545.1	74.4	111.6#

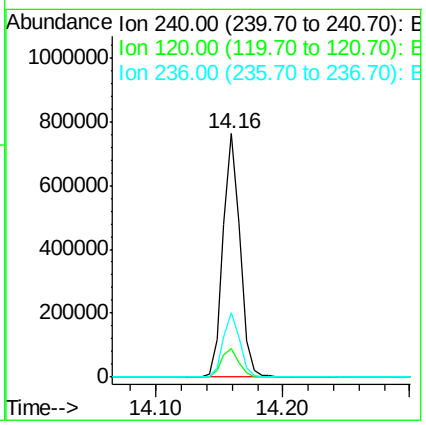


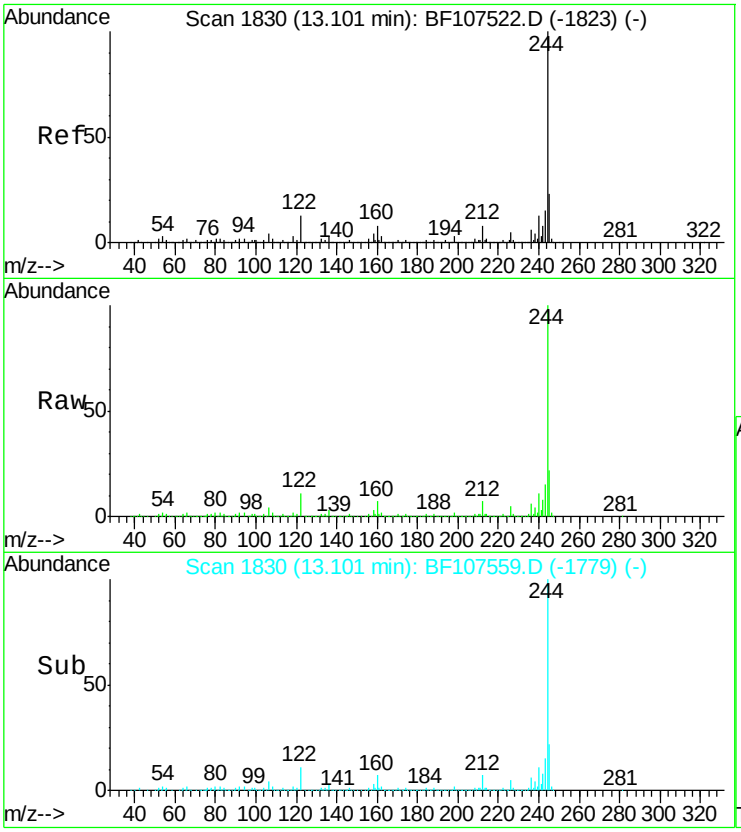


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Tgt Ion:240 Resp: 708936

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.6	20.7	31.1



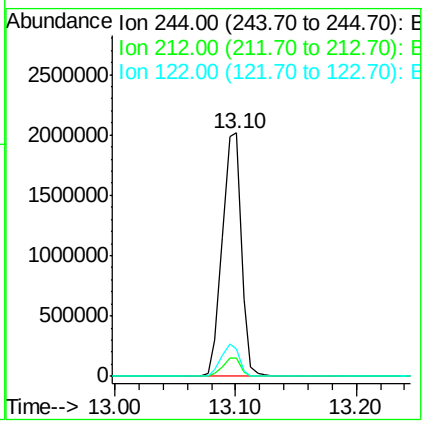


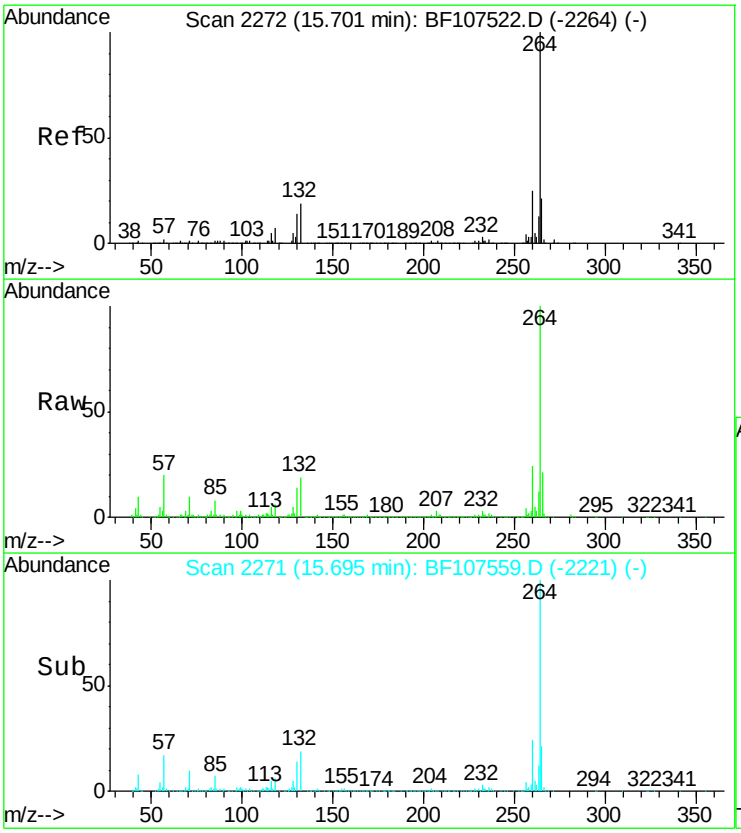
#78
Terphenyl-d14
Concen: 79.593 ng
RT: 13.10 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-D-M

Tgt Ion:244 Resp: 2204077

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	11.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107559.D
Acq: 21 Jul 2018 7:37

Tgt Ion:264 Resp: 520054

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	17.5	26.3